

Charles SOB Co Ltd

Nº 666

Profile & Oh Plans

ORDINARY STEEL

"City of Worcester"

Full & C. Report 38203



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Foundation

013571-013578-0094



N° 666  
PROFILE & DECK PLANS  
DIMENSIONS - 306'0" x 53'3" x 31'4" M<sup>3</sup>  
CLASS 100 A1 LLOYDS  
- SCALE 1" = 1 FOOT -

17/10





Earles S. B.

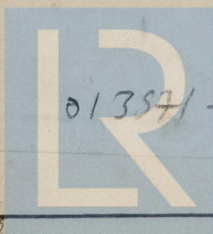
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Hull 38403

Midship Section

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# - S.S. "CITY OF WORCESTER" -

## - MIDSHIP SECTION -

DIMENSIONS:- 396'-0" x 53'-3" MLD. x 31'-4" MLD.

CLASS 100A.I. LLOYDS

SCALE 1/2 INCH = 1 FOOT.

- LLOYDS NUMERALS -

L x D = 396' x 31' 33"	= 12410
L x (B+D) = 396' x (23' 23" + 31' 33")	= 33500
D	= 31' 33"
5/8 T. UPPER DECK	= 12' 62"
1/2 BRIDGE	= 10' 01"
2	= 18' 20"

LENGTH S.F. = 396'

SCUINCE STEEL = 1575

26% 411.75 = 395.28

- EQUIPMENT NUMERAL -

HULL	= 33410
BRIDGE DECK 310' x 16' x 75'	= 2093.04
ROOF DECK 32' x 16' x 75'	= 2093.04
CASINGS 70' x 75' x 50'	= 265.50
SALOON HOUSE 18' x 8' x 50'	= 60.00
	35825.54

- EQUIPMENT 1 - Z

2 BOWER ANCHORS 63 1/2 CWT. EACH	STOCKLESS
1	54 1/2
1 STEAM	17 1/2
270 FATHOMS 2 1/2" STAINLESS CABLE	
90	4 1/4
180	5
2-30	8' HEEP OR 2 1/2" STEEL WIRE HAWSEER
2-90	7

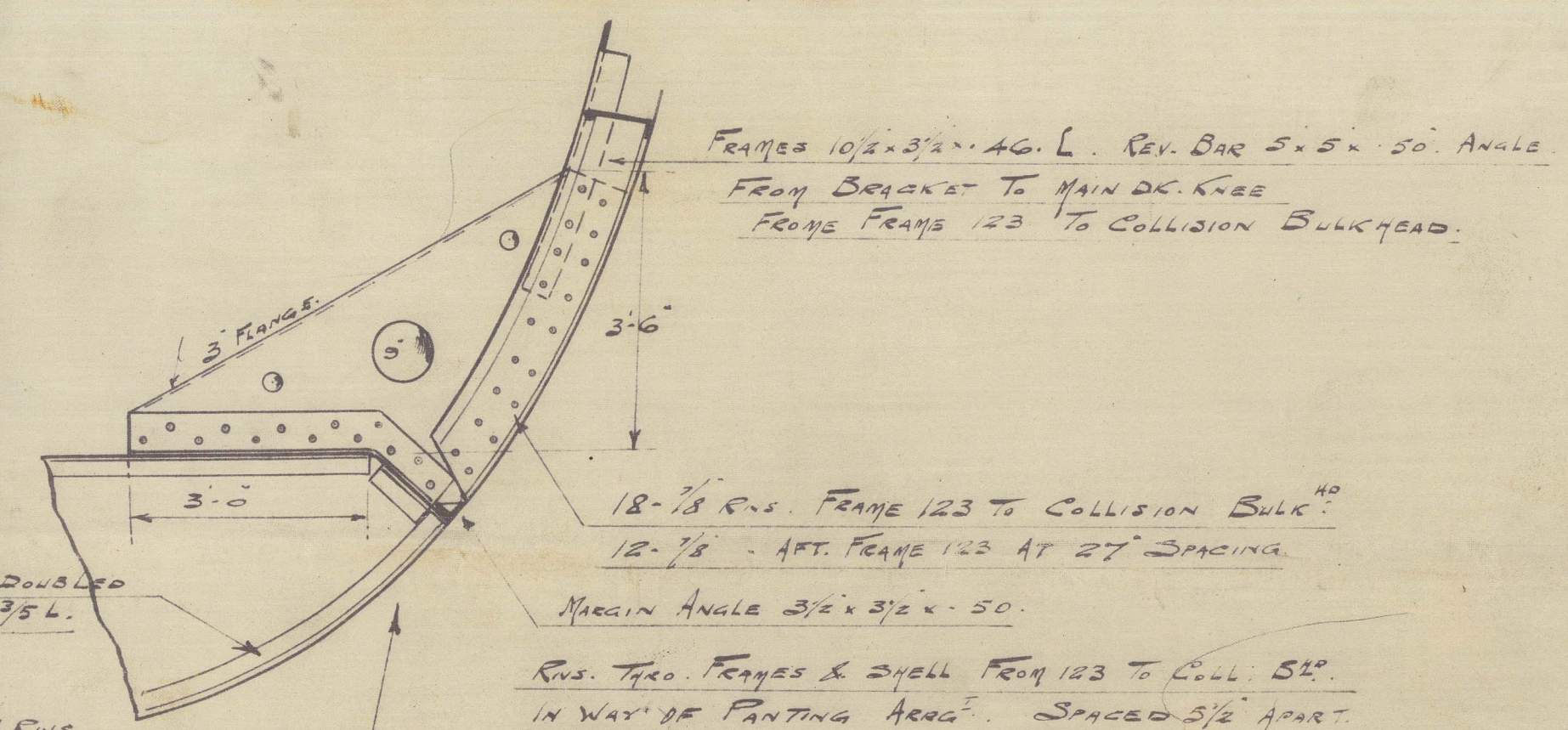
### IMPORTANT NOTICE

A LARGE PROPORTION OF THIS VESSEL IS CONSTRUCTED OF A SPECIAL HIGH TENSILE STEEL. IN THE EVENT OF REPAIRS DUE EITHER TO DAMAGE OR WEAR AND TEAR, IT IS OF EXTREME IMPORTANCE THAT THE CAPTAIN OR HIS DEPUTY SHOULD ACQUAINT REPAIRERS OF THE ABOVE FACT FOR THE INFORMATION OF REPAIRERS, A MIDSHIP SECTION IS AT ALL TIMES LEFT IN THE CARE OF THE CAPTAIN, AND MUST NEVER BE TAKEN OFF THE VESSEL. PARTS OF THE STRUCTURE BUILT OF SPECIAL STEEL HAVE THEIR SCANTLINGS SHOWN IN RED ON THE MIDSHIP SECTION. IN CASE SPECIAL STEEL IS NOT OBTAINABLE FOR A REPAIR THE EQUIVALENT SCANTLINGS OF ORDINARY COMMERCIAL STEEL ARE CLEARLY SHOWN EITHER IMMEDIATELY ABOVE OR BELOW THE RED MARKINGS. IT IS IMPORTANT THAT WHEREVER POSSIBLE HIGH TENSILE STEEL PLATES SHOULD BE REPLACED BY HIGH TENSILE STEEL PLATES.

- RIVETING -

KEEL RATE BUTTS	48 TO 38
25 GIRDERS	38 THROUGHOUT
TANK TOP C'S	38 TO 28
MIDSHIP RATE	38 THROUGHOUT
TANK TOP	28 TO 18
BRIDGE STANCHION	38 TO 28 WHERE 42
UPPER	42 TO 38 IN AFT WELL 58 WIDE 84
	28 THROUGHOUT IN ERECTIONS
MAIN	28 THROUGHOUT
BRIDGE PLATING	28 TO 18
UPPER	38 TO 28 IN WELL 48 DEC 48
	28 TO 18 IN ERECTIONS
MAIN	28 TO 18
STEEL	48 TO 38 TO UPPER TERN OF BLUE
SIDE	38 THROUGHOUT
TOP	28
BRIDGE STANCHION	38
UPPER	BUTTS IN WELL 42 TO 38 58 TO 38 OF BRIDGE
STRONG BELT UNDER STANCHIONS	42 TO 38 IN WAY OF WELL
TANK TOP C'S STANCHION DECK	28 TO 18 TO 18
	RATING DECKS 18 THROUGHOUT
DECK PLATING	SEAMS 18 BELOW 68
SPALL SEAMS	28
KEEL	28 1' 0" WIDE

- VERTICAL SPACING IN HOLDS -



The Above Section is at the Extreme End of N<sup>o</sup> 1 Hold. Margin Generally Tapers into Normal Width at Aft End of Hold. Plating is Shown Above. The Above Also Applies to Aft End of N<sup>o</sup> 5 Hold. Margin Tapering to Normal at Fore End of Hold.

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"Jenny of Worcester"

EARLE'S No 666

Plan of Sternframe  
+ Rudder.

Shull & B. Report No 38403.



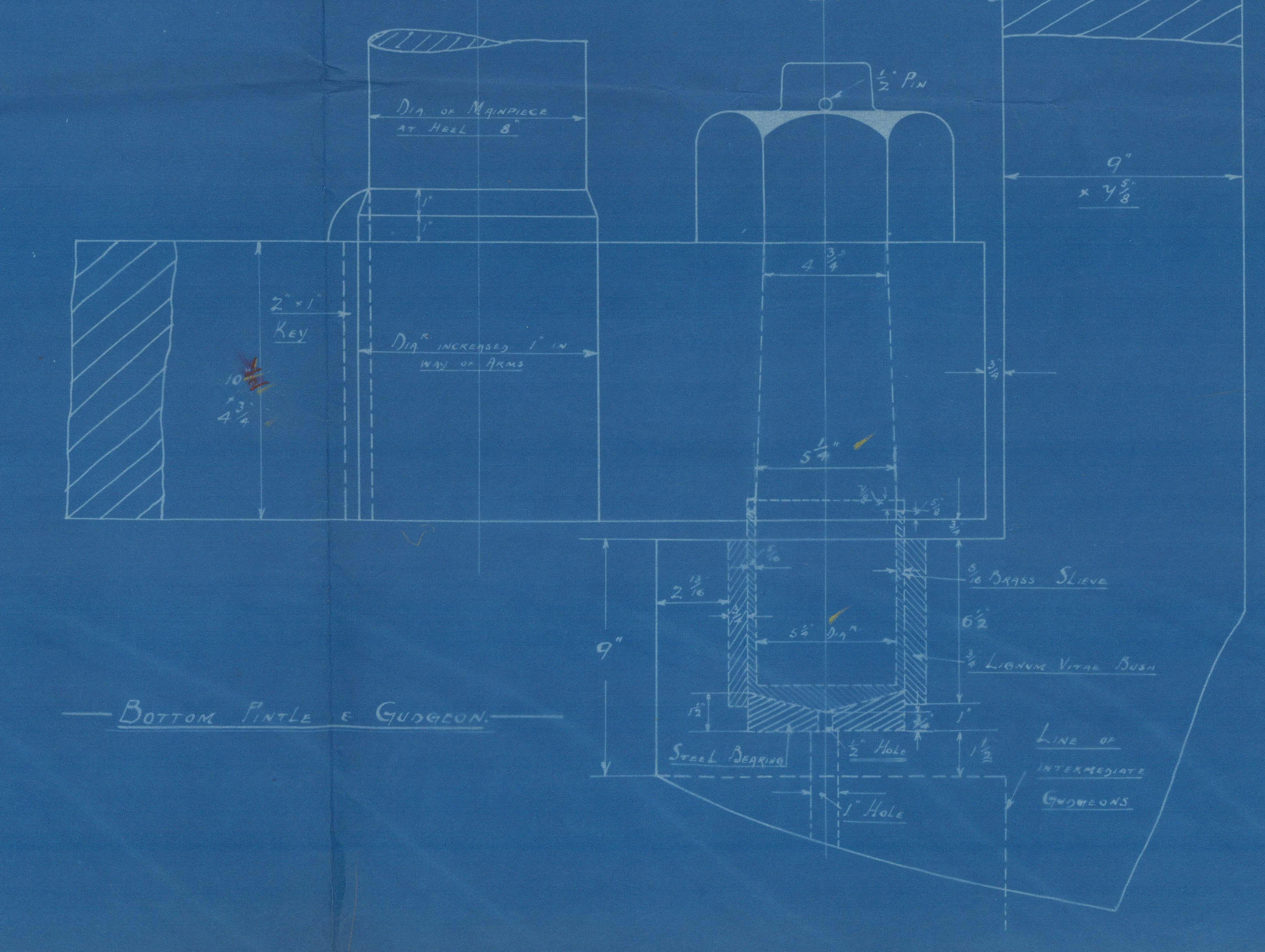
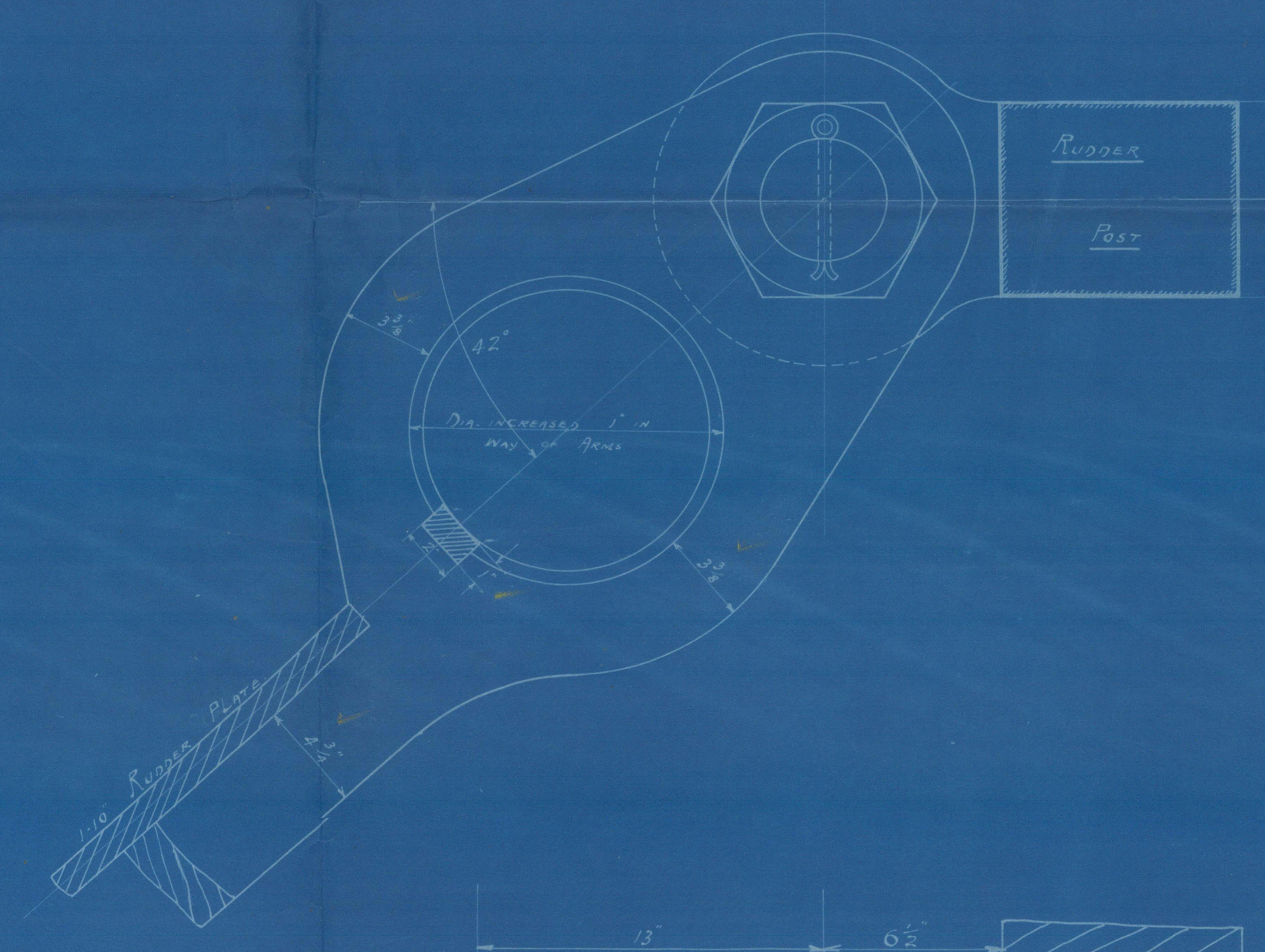
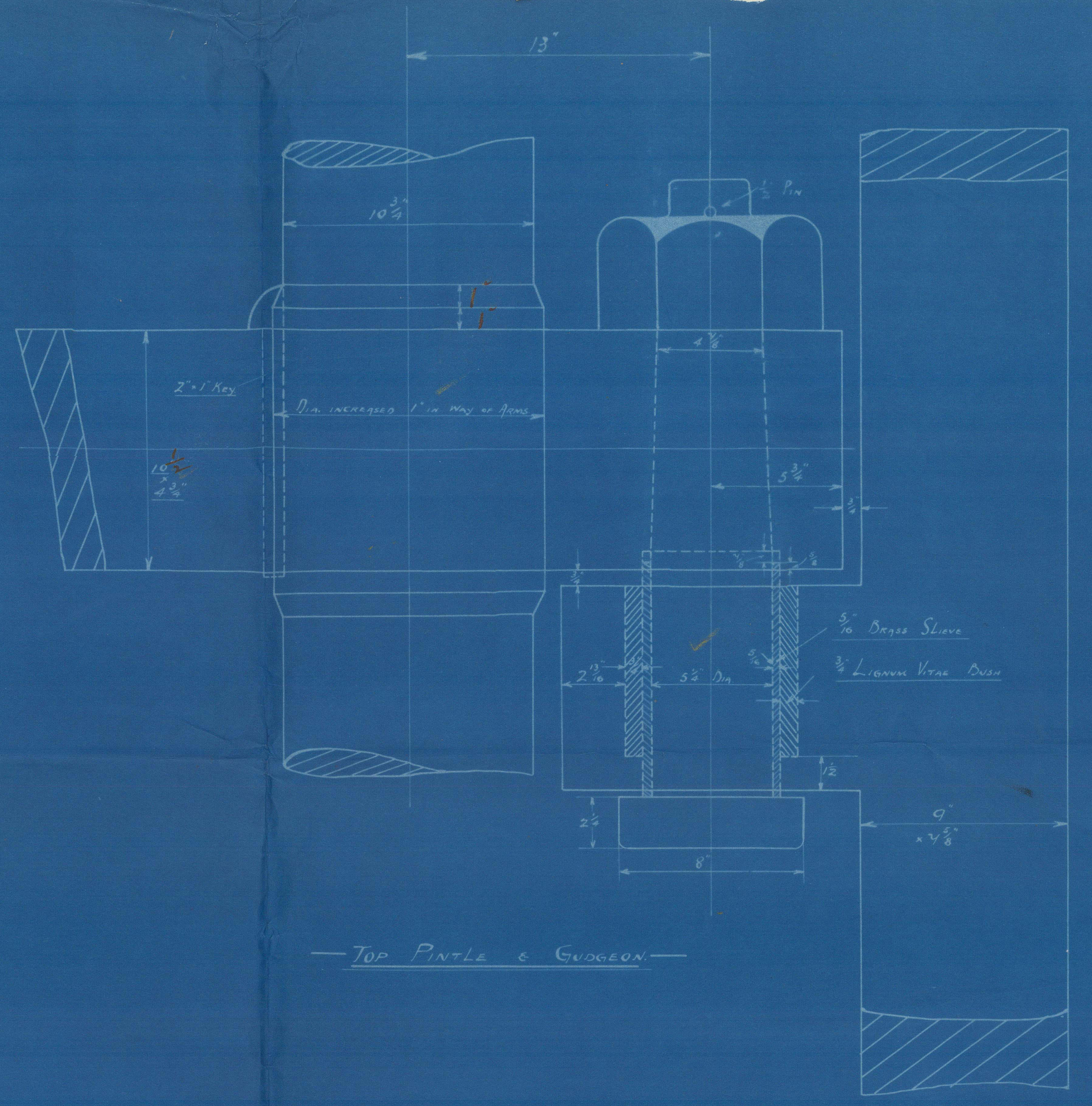
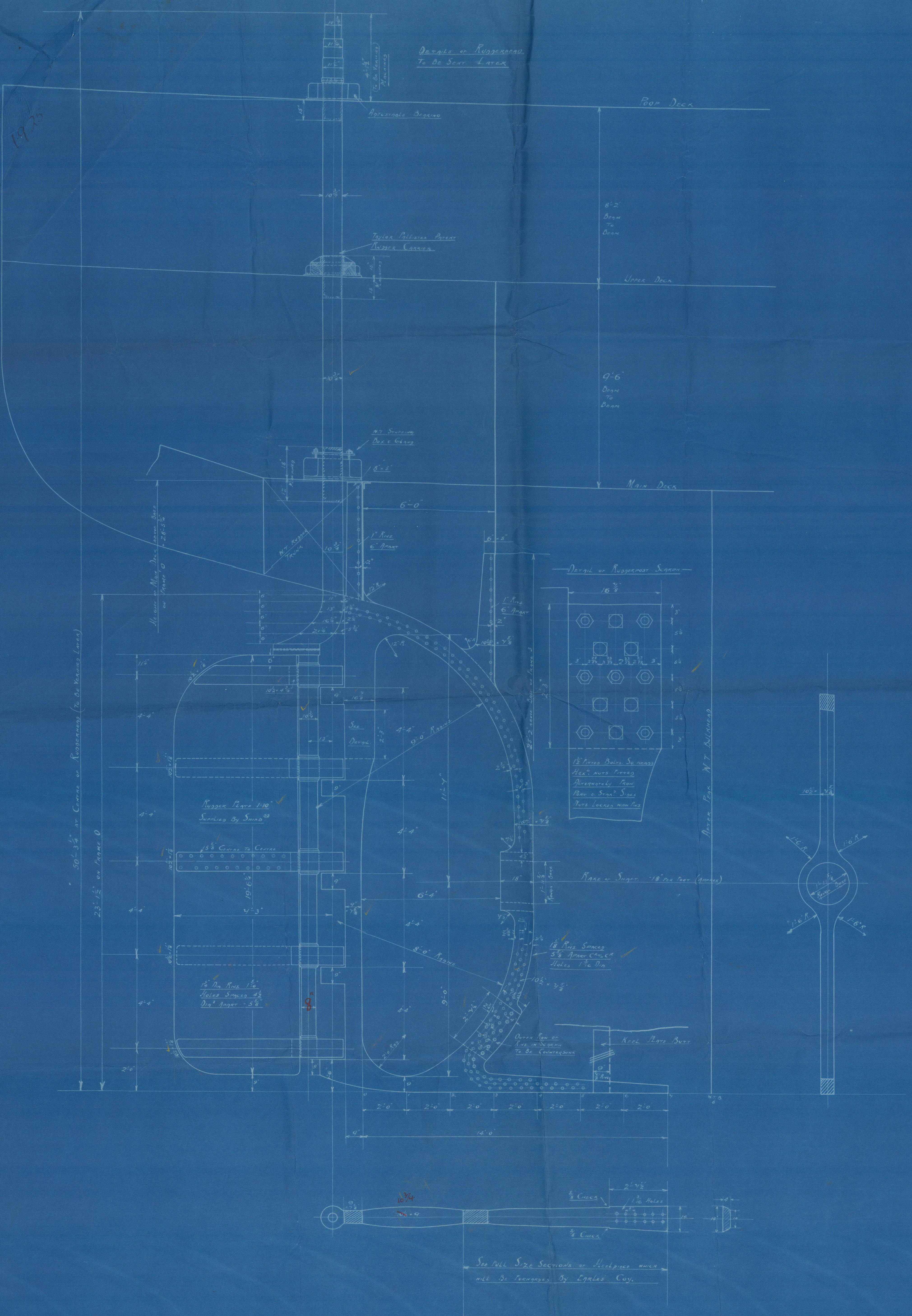
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# N<sup>o</sup> 666 STERNFRAME & RUDDER

SCALES: 1/2" = 1' and 1/2" = 1' 6"

TO LLOYD'S TESTS

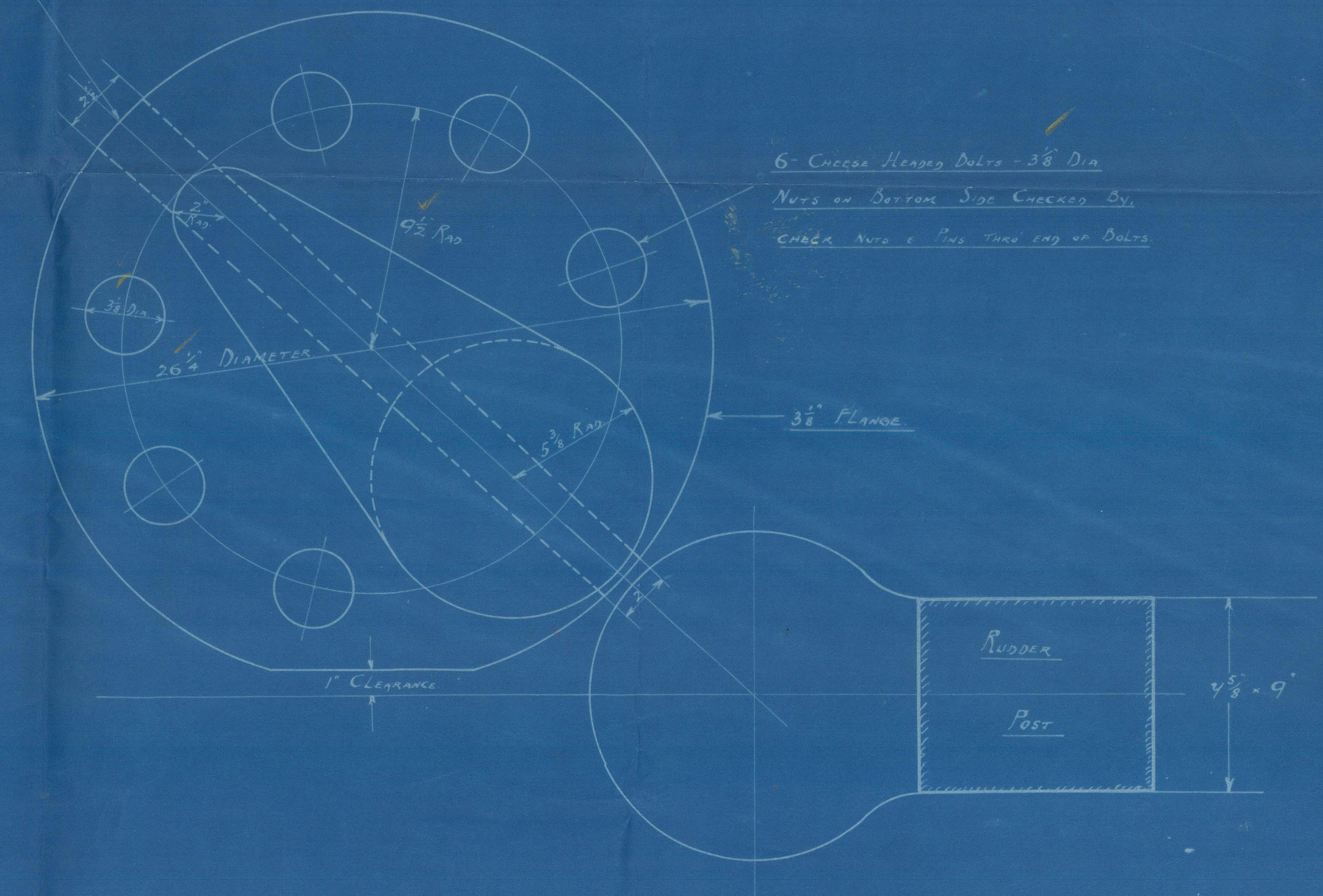
MATERIALS: Rudder: Forged Iron or Steel  
Sternframe: Forged Iron  
Pintles: Steel

Notes: Rudder: To be of best quality iron or steel, and to be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The rudder should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The rudder should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles.

Notes: Sternframe: To be of best quality iron or steel, and to be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The sternframe should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The sternframe should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles.

Area of Rudder = 156.5 sq. ft.  
C.B. or Gravity arm, C.B. of Pintles = 3.91 ft.  
Speed not exceeding 12 knots (A.D.) = 494.8  
Diameter of Rudderhead = 10 1/2 inches = 10 1/2"

Notes: Rudder: To be of best quality iron or steel, and to be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The rudder should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles. The rudder should be of such a shape as to be able to turn through 90 degrees without any strain on the pintles.



Rudder Coupling

